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SEQUENCE LISTING

<110> CHOO, YEN  
KLUG, AARON  
ISALAN, MARK

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<130> 71278/264974/BET

<140> 09/424,482

<141> 2000-02-29

<150> 09/424,482

<151> 1999-11-23

<150> PCT/GB98/01510

<151> 1998-05-26

<150> GB 9710809.6

<151> 1997-05-23

<160> 114

<170> PatentIn version 2.1

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1 5 10 15  
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<210> 5

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2-4 residues

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<220>  
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Leu Xaa Xaa His Xaa Xaa Xaa His  
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<210> 7  
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Thr Gly Glu Lys Pro  
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<210> 8  
<211> 26  
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structure sequence

<400> 8

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Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Lys Ser Asp  
1 5 10 15

Leu Val Lys His Gln Arg Thr His Thr Gly  
20 25

<210> 9

<211> 29

<212> PRT

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structure sequence

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Pro Tyr Lys Cys Ser Glu Cys Gly Lys Ala Phe Ser Gln Lys Ser Asn  
1 5 10 15

Leu Thr Arg His Gln Arg Ile His Thr Gly Glu Lys Pro  
20 25

<210> 10

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Met Ala Glu Glu Lys Pro  
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<210> 11

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<212> DNA

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<210> 13

<211> 9

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Zinc finger-DNA  
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<210> 14

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Zinc finger-DNA  
interaction sequence

<400> 14

gcgtgggcg

9

<210> 15  
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<400> 15  
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<210> 16  
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Gly Gln Lys Pro  
35

<210> 17  
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<223> Description of Artificial Sequence: LIB-A and

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LIB-B Zinc finger 2

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Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp Asp Leu  
1 5 10 15  
  
Thr Xaa His Ile Arg Thr His Thr Gly Glu Lys Pro  
20 25

<210> 18  
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<400> 18  
Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Xaa Ser Xaa Asp Arg  
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Lys Arg His Thr Lys Ile His Leu Arg Gln Lys Asp  
20 25

<210> 19  
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finger 3

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Phe Ala Cys Asp Ile Cys Gly Arg Lys Phe Ala Xaa Xaa Xaa Xaa Arg  
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Lys Arg His Thr Lys Ile His Leu Arg Gln Lys Asp  
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<210> 20

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<400> 20

Arg Leu Glu Tyr  
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<210> 21

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Arg Ser Glu Asp  
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<210> 22

<211> 4

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<220>  
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Arg His Thr His  
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peptide

<400> 23  
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<210> 24  
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<400> 24  
Arg Ser Ser Ala  
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<400> 25  
Gln Val Thr Thr

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<210> 26  
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<210> 27  
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Gln Asp Ala His  
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<210> 29  
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<400> 29

Gln Arg Ala Ser

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<210> 30

<211> 4

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<400> 30

Gln Ser Thr Ser

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<210> 31

<211> 4

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Ser Ser Gly Asp

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<210> 32

<211> 4

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Ser Ala Ser Ala

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<210> 33

<211> 4

<212> PRT

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<400> 33

Asn Ser Gly Asp

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<210> 34

<211> 4

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<223> Description of Artificial Sequence: Zinc finger peptide

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Leu Val Gln Asn

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<210> 35

<211> 4

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Thr Gly Ala Ser

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<210> 36

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<211> 4  
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<400> 36  
Thr Pro Ser Gly  
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<210> 37  
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peptide

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<210> 40  
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<223> Description of Artificial Sequence: Zinc finger  
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<210> 43  
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Thr Ser Arg Asp  
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<210> 54

<211> 4

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Gln Arg Gly Ala  
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<210> 55

<211> 4

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Gln Ser Thr Thr  
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<210> 56

<211> 4

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Thr Ser Ser Ser

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<210> 57

<211> 4

<212> PRT

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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 57

Ser Ser Ser Thr

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<210> 58

<211> 4

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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 58

Thr Ile Ser Asn

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<210> 59

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger peptide

<400> 59

Thr Ser Thr Ala

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<210> 60

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<211> 4

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 60

Thr Ser Ser Leu

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<210> 61

<211> 4

<212> PRT

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<223> Description of Artificial Sequence: Zinc finger peptide

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Thr Ser Ser Ile

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<210> 62

<211> 4

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 62

Thr Ser Asn Ser

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<210> 63

<211> 4

<212> PRT

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<223> Description of Artificial Sequence: Zinc finger

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peptide

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Gly Ser Asn Asp  
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<210> 64  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
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<210> 65  
<211> 4  
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Thr Ala Gly Ser  
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<210> 66  
<211> 4  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 66  
Thr Thr Ser Ser  
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<210> 67  
<211> 4  
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<220>  
<223> Description of Artificial Sequence: Zinc finger peptide

<400> 67  
Thr Ser Ser Ala.  
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<210> 68  
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<400> 68  
Leu Ser Thr Thr  
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<210> 69  
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Leu Ser Ser Thr  
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<210> 70  
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<220>  
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<210> 71  
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His Ser Lys Ser  
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<210> 72  
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<400> 72  
His Arg Gln Asn  
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<210> 73  
<211> 4  
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<400> 73  
Asp Arg Ala Asn

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<210> 74  
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<400> 74  
Asp Arg Ala Asn  
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<210> 75  
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<210> 76  
<211> 4  
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<400> 76  
Gln Val Gly His  
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<210> 77  
<211> 4  
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger peptide

<400> 77

Gln Leu Ala Thr

1

<210> 78

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Zinc finger peptide

<400> 78

Thr Ser Gln Ala

1

<210> 79

<211> 4

<212> PRT

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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 79

Thr Ser Ala Ser

1

<210> 80

<211> 4

<212> PRT

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<223> Description of Artificial Sequence: Zinc finger peptide

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<400> 80  
Leu Ala Gln Thr  
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<210> 81  
<211> 4  
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<220>  
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<400> 81  
Arg Ser Arg Asp  
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<210> 82  
<211> 4  
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<220>  
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<400> 82  
Arg Leu Arg Asp  
1

<210> 83  
<211> 4  
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<220>  
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<400> 83  
His Leu Ala Thr  
1

<210> 84

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<211> 4  
<212> PRT  
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<220>  
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<400> 84  
His Leu Thr Thr  
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<210> 85  
<211> 4  
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<400> 85  
Val Gly His His  
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<210> 86  
<211> 4  
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<220>  
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<400> 86  
His Pro Ala Thr  
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<210> 87  
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peptide

<400> 87

His Pro Ala Asn

1

<210> 88

<211> 4

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<223> Description of Artificial Sequence: Zinc finger  
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<400> 88

His His Ser Asn

1

<210> 89

<211> 4

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<223> Description of Artificial Sequence: Zinc finger  
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<400> 89

Asp Ser Arg Ala

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<210> 90

<211> 4

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<223> Description of Artificial Sequence: Zinc finger  
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<400> 90

Lys Ser Ser Asp

1

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<210> 91  
<211> 4  
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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 91  
Ser Ser Ser Asp  
1

<210> 92  
<211> 4  
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<223> Description of Artificial Sequence: Zinc finger peptide

<400> 92  
Arg Ser His Asp  
1

<210> 93  
<211> 4  
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<220>  
<223> Description of Artificial Sequence: Zinc finger peptide

<400> 93  
Arg Ser Ser Tyr  
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<210> 94  
<211> 4  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 94  
Arg Ser Ser Ser  
1

<210> 95  
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<220>  
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<400> 95  
Arg Lys Thr Asp  
1

<210> 96  
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His Ala Gln Thr

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peptide

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